

EXPLANATION

STRATIFIED ROCKS

Tertiary and Cretaceous
Atlantic Coastal Plain. Includes Quaternary in southeastern Massachusetts

Jurassic and Triassic

Permian and Carboniferous
Includes post-Acadian Devonian east of Hudson River

Devonian (pre-Acadian) and Silurian
May include older rocks in parts of Maine, New Hampshire, and southern New England

Ordovician and Cambrian
(a) foreland, (b) folded. In Maine and New Brunswick, includes rocks mapped as Siluro-Ordovician. May include some older or younger rocks, particularly in southern New England. Dash pattern of (b) is not intended to represent structural trend lines

OFFSHORE ONLY

(a) Basaltic intrusive
(b) Salt/mud diapiric ridge
(c) Line of dikes

Oceanic Crust
(a) New England seamounts

Onshore Rock Distribution Compiled by W.S. White, 1968
Offshore Rock Distribution Compiled by R.D. Ballard, 1975
Faults and Lineaments Compiled by D.J. Borch, 1975

STRATIFIED AND PLUTONIC ROCKS

Precambrian
May include Paleozoic rocks, particularly in eastern Massachusetts and Rhode Island

PLUTONIC ROCKS

Paleozoic and Mesozoic

Alkaline

Calc-alkalic, including mafic
(a) Ordovician and Ordovician (?)
(b) post-Ordovician

Ultramafic

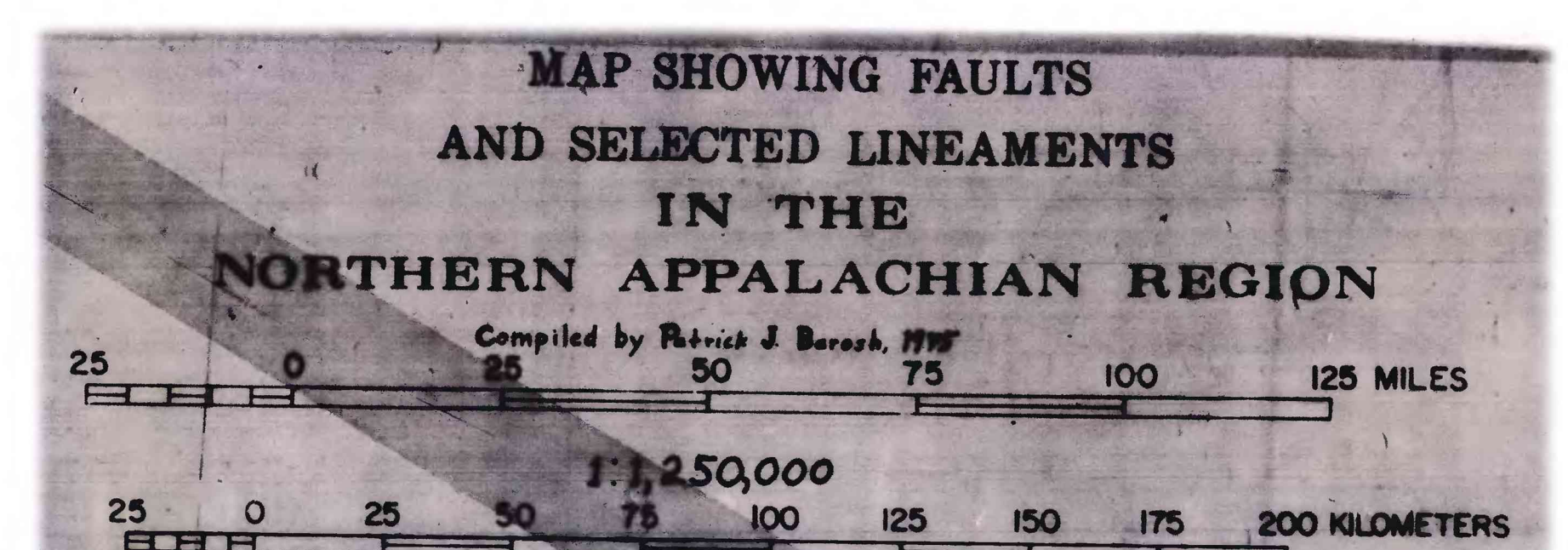
STRUCTURE SYMBOL

Logan's Line and inferred boundary of Taconic oroclinal

Fault, offshore fault distinguished with hachures for normal fault if known

Lineament, topographic 1/2 magnetic 1/2 gravity feature

This map is preliminary and has not been edited for conformity with Geological Survey format and nomenclature



Albers equal area projection. Base from tectonic map of the United States, 1962, extended into Canada by W. S. White for Generalized geologic map of the northern Appalachian region, in Ben. Swan, White, W. S., Hadley, J. B., and Thompson, J. B., Jr., Editors, 1968, Studies of Appalachian geology -- northern and maritime, New York: Interscience Publishers

United States (Appalachian Region, cont.). Faults. 1:1,250,000. 1976.
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